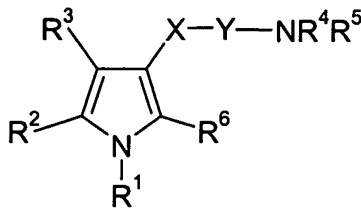


1,5-DIARYL-PYRROLE-3-CARBOXAMIDE DERIVATIVES AND THEIR USE AS
CANNABINOID RECEPTOR MODULATORS

ABSTRACT



I

The present invention relates to a compound of formula (I) in which R¹ and R² independently represent phenyl, thienyl or pyridyl each of which is optionally substituted by one, two or three groups represented by Z; and R³ is H, a C₁₋₃alkyl group, a C₁₋₃alkoxymethyl group, trifluoromethyl, a hydroxyC₁₋₃alkyl group, an aminoC₁₋₃alkyl group, C₁₋₃alkoxycarbonyl, carboxy, cyano, carbamoyl, mono or di C₁₋₃alkylcarbamoyl, acetyl, or hydrazinocarbonyl of formula -CONHNR^aR^b wherein R^a and R^b are as defined for R⁴ and R⁵ respectively; X is CO or SO₂; Y is absent or represents NH optionally substituted by a C₁₋₃alkyl group; R⁴ and R⁵ independently represent: a C₁₋₆alkyl group; an (amino)C₁₋₄alkyl-group in which the amino is optionally substituted by one or more C₁₋₃alkyl groups; an optionally substituted non-aromatic C₃₋₁₅carbocyclic group; a (C₃₋₁₂cycloalkyl)C₁₋₃alkyl-group; a group -(CH₂)_s(phenyl)_s; naphthyl; anthracenyl; a saturated 5 to 8 membered heterocyclic group containing one nitrogen and optionally one of the following: oxygen, sulphur or an additional nitrogen wherein the heterocyclic group is optionally substituted; 1-adamantylmethyl; a group - (CH₂)_t Het where Het represents an aromatic heterocycle optionally substituted; or R⁴ represents H and R⁵ is as defined above; or R⁴ and R⁵ together with the nitrogen atom to which they are attached represent a saturated 5 to 8 membered heterocyclic group; R⁶ is H, a C₁₋₃alkyl group, a C₁₋₃alkoxymethyl group, trifluoromethyl, a hydroxyC₁₋₃alkyl group, C₁₋₃alkoxycarbonyl, carboxy, cyano, carbamoyl, mono or di C₁₋₃alkylcarbamoyl, acetyl, or hydrazinocarbonyl of formula -CONHNR^aR^b; with provisos; to processes for preparing such compounds, to their use in the treatment of obesity, psychiatric and neurological disorders particularly obesity, to methods for their therapeutic use and to pharmaceutical compositions containing them.